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9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132
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(509) 924-9200 X 924-9290
(503) 906-9200 rAX 906-9210
(541) 383-9310 FAX 382-7588

Work Order #: M106052

CLIENT: Bristol		INVOICE TO: Bristol		TURNAROUND REQUEST in Business Days*			
REPORT TO: Anne Kraanwetter				Organic & Inorganic Analyses			
ADDRESS: Amchitka Island, AK.				10 7 5 4 3 2 1 <1			
PHONE: 770-0974		FAX: 770-0975		STD. Petroleum Hydrocarbon Analyses			
PROJECT NAME: Amchitka		P.O. NUMBER: 21090		5 4 3 2 1 <1			
PROJECT NUMBER: 21090		REQUESTED ANALYSES		STD. Please Specify			
SAMPLED BY: CEM / ARK				OTHER			
CLIENT SAMPLE IDENTIFICATION		SAMPLING DATE/TIME		MATRIX (W, S, O)			
1. 01AMUSEW01SL		6/20/01 1541		# OF CONT.			
2. 01AMUSEW02SL		6/20/01 1550		COMMENTS			
3.				NCA WO ID			
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
13.							
14.							
15.							
RELINQUISHED BY: Charlie Marshall		DATE: 6/20/01		RECEIVED BY: Tim McGowan		DATE: 6/20/01	
PRINT NAME: Charlie Marshall		FIRM: Bristol		PRINT NAME: Tim McGowan		FIRM: NCA	
RELINQUISHED BY:		DATE:		RECEIVED BY:		DATE:	
PRINT NAME:		FIRM:		PRINT NAME:		FIRM:	
ADDITIONAL REMARKS:						TEMP: 6.8	
COC REV 3/99						PAGE 1 OF 1	



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-9223
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541.383.9310 fax 541.382.7588

6 December, 2001

Anne Kranawetter
Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 06/20/01 16:13. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson
Environmental Group Leader

Work Orders included in this report:

M106062



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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/20/01 21:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMUSFW01SL	M106062-01	Soil	06/20/01 15:41	06/20/01 16:13
01AMUSFW02SL	M106062-02	Soil	06/20/01 15:50	06/20/01 16:13

C.O.C. #98

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

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Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/20/01 21:25

Hydrocarbon Identification per NW-TPH Methodology North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
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01AMUSFW01SL (M106062-01) Soil

Sampled: 06/20/01 Received: 06/20/01

Gasoline Range Hydrocarbons	ND	9.90	mg/kg	1	NWTPH HCID	06/20/01	06/20/01	0106068	
Diesel Range Hydrocarbons	ND	24.8	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	49.5	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>114 %</i>	<i>50-150</i>							

01AMUSFW02SL (M106062-02) Soil

Sampled: 06/20/01 Received: 06/20/01

R-05

Gasoline Range Hydrocarbons	980	96.8	mg/kg	1	NWTPH HCID	06/20/01	06/20/01	0106068	D-10
Diesel Range Hydrocarbons	32300	242	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	484	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>60.5 %</i>	<i>50-150</i>							

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Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/20/01 21:25

Hydrocarbon Identification per NW-TPH Methodology - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 0106068 - TPH-HCID (WA)

Blank (0106068-BLK1)

Prepared & Analyzed: 06/20/01

Gasoline Range Hydrocarbons	ND	10.0	mg/kg
Diesel Range Hydrocarbons	ND	25.0	"
Heavy Oil Range Hydrocarbons	ND	50.0	"

<i>Surr: 1-Chlorooctadecane</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>	<i>108</i>	<i>50-150</i>
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North Creek Analytical - Mobile Lab

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Reported:
06/20/01 21:25

Notes and Definitions

D-10 Detected hydrocarbons in the gasoline range appear to be due to overlap of diesel range hydrocarbons.
R-05 Reporting limits raised due to dilution necessary for analysis.
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.
wet Sample results reported on a wet weight basis (as received)
RPD Relative Percent Difference

North Creek Analytical - Mobile Lab

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Environmental Laboratory Network

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Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M106062 FINAL 06 20 01 2125.mdb Default Report (not modified)
M106062-02	NW-HCID mod	Gasoline Range Hydrocarbons	D-10
M106062-02	NW-HCID mod		R-05